welded plate Mobil Oil Corp. "Fullerton" Drilled 1948 Production tested Monterey Some cores in 52 - FW stringer 570'-580' (See Fullerton 14) - BFW 523 ± plugged w/cem. 13 3/8 " cem. 731 Lost about 53 cf 7101 \* pulled 85% Fr. 800' 124" hole calc toc 1508' - 1612 516 - 1720 CP 2037 400 5x C 3% gd 1.579 cf/sk calc toc 2467' cp 3030 (WNSO, 3002 592 45 SX) alogged w/cem - Monterey 3046 perf 3064' D.D. cp 3070' 22Cf ± 200 SXC Lost 30 sx perfs 3077-I cem below 3782 3107 3 cavity shots (5) plugged 3784'- 3685' cavity shot 3690' in stages w/ squeeze shots 85/8" ld. 3784' TD 3900

Gibson-Drexler Building Sonta Maria, California May 11, 1948

Tr. Alex Molean Ventura, California Agent for General Petroleum Corp.

A L COM

Dear Sir:

Your report of abandonment of well No. "Fullerton" 1, Sec. 31, T. 9 N., R. 32 W., S. B. B. & M., Cat Canyon oil field, Santa Barbara County, dated March 9, 1948, and submitted to this Division on our Form 103, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

Yours truly,

R. D. BUSH State Oil and Gas Supervisor

By.

Deputy Supervisor

OGD: ON CC: Mr. R. D. Bush Tr. P. H. Johnson

Area Z, Top Mio(Z2)-3045 (s.m.v. chert)

BanBr Z3 3240

Buf Br Z4 3540

Dark Br Z5 3730

Dark Br Z5 730

Oil sol Z6 Pt Sol Zn T.D. 3802 (Z5)

| J. M    | Model | On<br>Section | (*** | 114      | W.     |
|---------|-------|---------------|------|----------|--------|
| 5-18-69 | 7     |               |      | <u> </u> | 511-12 |

FILL THIS NK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER

STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL & GAS RECEIVED APR 29 1948

# DIVISION OF OIL AND GAS

SANTA MARIA, CALIFORNIA

| Operator                                      | GENERAL PE                                     | Troleum co   |                                    |                                       | Field EAST  |   | W DISTRIC                            |   |  |
|---|--|--|------------------------------------|---------------------------------------|---|---|--------------------------------------|---|--|
| Well No.                                      | "FILLERIA                                      | **************************************   | -                                  | Sec                                   | N T   | 9⊶ <u>¥</u>                               | R 32-77                              | _, _8°B°  | D 4-37   |
|   | <u> </u>                                       |  | nter of Se                         | c. 31- /                              | Elevation of gro<br>All depth measu               | ound above so<br>rements take             | ea level7                            | 37<br>  | foet.  |
| ecord of                                      | In compliance<br>the present cor               | with the prov  | risions of Chap<br>well and all wo | oter 93, Statut                       | es of 1939, the                                   | information                               | given herewith<br>ed from all ava    | is a complete ar  |  |
|   | nch 16, 19                                     | _  |                                    |                                       | ·   | igned                                     |                                      | Lean  |  |
|   | Engineer or Geolog                             | The second secon | _A. K. I                           | PAR<br>uperintendent)                 |   | Title                                     | ρ.                                   | A CIEN esident, Secretary or  | 12 April 1980 C. |
|   |  |  | 7 777                              | i i i                                 |   |   |                                      |   |  |
|   | nced drilling <b>D</b> i<br>epth <u>3600</u> 0 |  |                                    | Complete Complete                     | d drilling JA                                     | EOLOGICAL 1                               |                                      | e de la composición dela composición de la composición de la composición de la composición dela composición de la composición de la composición dela composición dela composición de la composición de la composición dela | otary<br>PTH   |
| Junk  |  |  |                                    | · · · · · · · · · · · · · · · · · · · |   | STSOMOC                                   |                                      |   | 0 (R.L.  |
| · <u>· · · · · · · · · · · · · · · · · · </u> |  | :  |                                    |                                       | TOP   | MIOCENE                                   | Z2 S.M.V. C                          | <i>ner</i> = 3050   | <sup>0</sup> (E.L.                                   |
|   |  |  |                                    |                                       | " Za  | BENBr -<br>Buf Br -<br>Dark Br -          | 3540                                 |   |  |
| ale a   | nced producing                                 |  | , 1948 on                          | test z                                | Liewing/gas in                                    | DarkBr-<br>ft/pumping<br>many words) T. ( | 3730<br>Zc (01/3d) n<br>D. Zg - 3502 | nissong<br>. siltstsh.  |  |
|   |  |  | Clean Oil<br>bbl. per day          | Gravity<br>Clean Oi                   | Per Cent Water                                    | G   | as<br>er day                         | Tubing<br>Pressure  | Ca<br>Pre  |
| A. A. Mark                                    | Initial p                                      | roduction  | Well Caps                          | le of proc                            | buding appr                                       | 'drimatel                                 | v 3 b/d cl                           | een. 10.9°  | gravit   |
|   | Production after                               |  | 90.0% Out                          |                                       |   |   |                                      |   |  |
| Casing  |  | 1  | Weight                             | ASING RECORD                          | (Present Hole                                     | Grade                                     | Size of Hole                         | Number of Sacks   | Depth of S   |
| P. 1.)  | Depth of Shoe                                  | Top of Casing  | of Casing                          | Second Hand                           | or Lapweld  | of Casing                                 | Casing landed is                     | n of Cement   | if through   |
| <u>/8¤</u><br>/6¤                             | 7.0 °  | 32 °<br>800 ° 3  | 51:4#<br>:# & 36#                  | 1 . `                                 | GR(LeSE   | J-55<br>J-55                              | 18-5/68                              | 575<br>200  | 3070   |
|   |  | 000.   | .8 E 356                           | MSK DE                                |   | 6-27                                      |                                      | 1.00  | 2037   |
|   |  |  |                                    |                                       |   | Recess                                    | i ted ==                             | 45  | 3030   |
| <u> </u>                                      | 1  |  |                                    |                                       |   |   |                                      |   |  |
| <u> </u>                                      | and the second second                          | ·<br>·   |                                    | Perfor                                | ATIONS  |   |                                      |   |  |
| f Casing                                      | From   | To   | Size                               | of Perforations                       | Numbe<br>of Row                                   |   |                                      | Method of Re  | fora <b>tions</b>                                    |
| /8×   | 307779 fs.                                     | 3782 fc.   | 0.200° x                           | 2 <i>n</i>                            | 20  | 611                                       | 8                                    | treight slo   | ts :   |
| <u> </u>                                      | ft.  | ft.  |                                    |                                       | <del>-                                     </del> |   | One In                               |   | <b>3</b>   |
| <del></del>                                   | ft.  | ft.  |                                    |                                       |   | a polici                                  | Bertica                              |   |  |
|   | ft.  | ft.  |                                    |                                       | 5-  | 1- 48 Q                                   | woll                                 |   |  |
| <del>*</del>                                  | A  | Depths   | 710' - 3                           | 00801                                 |   | about                                     |                                      | ach Copy of I   |  |

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

VISION OF OIL & GAS GASEGIE IV E #2 APR 29 1948

# DIVISION OF OIL AND GASEWELV

History of Oil or Gas Well SANTA MARIA, CALIFORNIA

| OPERATOR GENERAL PETROLEUM CORPORATION | FIELD EAST CA           | T CANYON DISTRICT               |
|--|-------------------------|---------------------------------|
| Well No. FULLERTON #1 , Sec            | 31. , <sub>T.</sub> 9-N | ., R. 32-₩ , S∘B∘ B. & M.       |
|  | Signed                  | A. M. Lean                      |
| Date MARCH 9, 1948                     | Title                   | DBP<br>Agent                    |
| ,                                      |                         | (President, Secretary or Agent) |

It is of the greatest importance to have a complete history of the well. Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production. Include in your report such information as size of hole drilled to cementing or landing depth of casings, number of sacks of cement used in the plugging, number of sacks or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was dynamited, give date, size, position and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing.

This well was drilled by the Santa Maria Drilling Co., Contractor.

All measurements were taken from the Kelly-Bushing which was 8° above the concrete mato

1947 12-17 to 12-18

Date

Rotary equipment was rigged up.

DRILLING TO 7100 AND CEMENTING 13-3/8" CASING

12-19 to 12-20

The well was spudded December 19, 1947 and 18-5/8" hole was drilled to 710°. New 13-3/8" O. D., 542#, J-55, range 3, 8 round thread, T & C casing was cemented at 710° with 575 sax Permanente Type "G", premixed with 3% gel, by Halliburton.

The 13-3/8" was landed in the cellar 12 below the kelly-bushing.

DRILLING AND CORING TO 1976".

12-21 to

12-1/ $\mu$  hole was drilled to 1800%.  $8\frac{1}{2}$ % hole was cored and drilled 1800% to 1886%.  $8\frac{1}{2}$ % hole was opened to  $12\frac{1}{2}$ % and  $12\frac{1}{2}$ % drilled to 1976%.

DRILLING AND CORING TO 3478 ..

12-26 to 1-4-48

12½" hole was drilled to 3000°.  $8\frac{1}{2}$ " hole was drilled and cored 3000° to  $3\frac{1}{4}$ 78°.  $8\frac{1}{2}$ 8 hole was opened to  $12\frac{1}{4}$ 9 to 3350°.

TESTING INTERVAL 3350 - 3478.

1-4

1-5 to

A Johnston tester, cone packer, was run on dry light drill pipe, in tester bean. The packer was set on the shoulder at 3350 and the tester opened for 50 minutes. There was a light to very light heading blow throughout the test. 600 (0.8 bbl.) of drilling mud, no oil or gas showings, was recovered in the drill pipe. The pressure chart showed the tester remained open throughout the test.

DRILLING AND CORING TO 3600

 $8\frac{1}{2}$ " hole was opened to  $12\frac{1}{4}$ " to 3465.  $8\frac{1}{2}$ " hole was drilled and cored to 3600°.

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL & GAS #3

# DIVISION OF OIL AND GASIPR 29 1948

History of Oil or Gas Well SANTA WARIA, CALIFORNIA

| OPERATOR | OENERAL PETROLHUN CORP. |       | FIELD E | AST CAT C        | ANYON DI        | 24.0                          |         |
|----------|-------------------------|-------|---------|------------------|-----------------|-------------------------------|---------|
| Well No  | FULLERTON 1             | , Sec | 31 , T. | 9- <b>K</b> , R. | 32 <b>-</b> 17, | S <sub>o</sub> B <sub>o</sub> | B. & M. |
|          |                         |       | Signed  |                  | _               |                               |         |
|          |                         |       | 0.8     |                  | DBP             |                               |         |
| Date     | MARCH 9, 1948           |       | Title.  |                  |                 | A                             | gent    |

It is of the greatest importance to have a complete history of the well. Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production. Include in your report such information as size of hole drilled to cementing or landing depth of casings, number of sacks of cement used in the plugging, number of sacks or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was dynamited, give date, size, position and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing.

Date 1948

100.7

1-9

#### TESTING INTERVAL 34651-36000

A Johnston tester, cone packer, was run on dry  $\frac{1}{12}$  drill pipe,  $\frac{1}{2}$  tester beam. The packer was set on the shoulder at 3465 and the tester opened for 50 minutes. There was a fair steady blow diminishing to a light steady blow in 20 minutes, then a light steady blow for the remainder of the test. 250 (3.5 bbls.) of gassy drilling mud with droplets of free oil was recovered in the drill pipe. The pressure chart showed the tester remained open throughout the test.

81 hole was opened to 121 to 3575%

#### DRILLING AND CORING TO 36940.

1-8 to 82" hole was drilled and cored to 3694%.

#### TESTING INTERVAL 35750 - 36940

A Johnston tester, cone packer, was run on dry light drill pipe, in tester bean. The packer was set on the shoulder at 3575° and the tester opened for 63 minutes. There was a good steady blow for 1 minutes, a fair to good steady blow for 2 minutes, a fair heading blow for 10 minutes, then dead for the remainder of the test. 560° (8.0 bbls) of gassy, oily drilling mud was recovered in the drill pipe. The pressure chart showed the tester remained open throughout the test. The maximum bottom hole flow pressure at end of the test was 250%.

#### DRILLING AND CORING TO 3800.

1-10 to 8gw hole was opened to 12½m drilled to 3737%. A Schlumberger electric log and Dip-1-13 meter were run at 3737%. 8gm hole was cored 3737% to 3745%.

 $8\frac{1}{2}$  hole was opened to  $12\frac{1}{4}$  and  $12\frac{1}{4}$  drilled to 3790%.  $8\frac{1}{2}$  hole was cored 3790% to 3800%.

A Schlumberger electric log was run to 3800%.

#### RUNNING 8-5/8" GASING

1-14 New 8-5/8" O.D., 32# and 36#, J-55, range 3, 8 round thread, short T & C casing was hung at 3784, detailing from top to bottom as follows:

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL RES. #A. REGELVED

# DIVISION OF OIL AND GASAPR 29 1948

History of Oil or Gas Well SANTA MARIA, CALIFORNIA

| OPERATOR GENERAL PETROLEUR | A CORP e | FIELD         | E. CAT | CANTON FIELD |                                |
|----------------------------|----------|---------------|--------|--------------|--------------------------------|
| Well No. FULLERTON YI      | , Sec    | <u>31</u> , T | 9-N    | , R. 32-W,   | S B & M.                       |
|                            |          | Signed        | Mar 42 | A. M. Ban    |                                |
| Date <u>WARCH 9, 1948</u>  |          | Titi          | le     | ·            | Agent ont, Secretary or Agent) |

It is of the greatest importance to have a complete history of the well. Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production. Include in your report such information as size of hole drilled to cementing or landing depth of casings, number of sacks of cement used in the plugging, number of sacks or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was dynamited, give date, size, position and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing.

| Perforated Interval   | Amount       | Description                            |
|-----------------------|--------------|--|
|                       | 361          | Blank, 36#                             |
|                       | 16189        | Blank, 32#                             |
|                       | 3821         | Blank, 36#                             |
|                       | 20           | Baker cementing sleeve.                |
|                       | 9869         | Blank <sub>e</sub> 36#                 |
|                       | 21           | Raker baffle collar                    |
|                       | 44.          | Blank, 36#c                            |
|                       | 7*           | Baker Whirler float collar with basket |
| <b>3077</b> ° - 3782° | <b>7</b> 05° | Perforated 0,200" x 2" straight        |
|                       |              | slots, 20 rows, 6" centers, 36%        |
|                       | 20           | Baker cement plugged shoe              |
|                       | 37840        | Totalo                                 |

The 8-5/8" was cemented through ports in the Beker float collar at 3070° with 200 sax Permanented Type "C" Mixing time 8 minutes. Displacing time 23 minutes. Maximum displacing pressure 500%. Humped plugs at 1000%. The 8-5/8" was also cemented through the Baker cementing sleeve at 2037° with 400 sax Permanente Type "C", plug 3% gel. Mixing time 15 minutes, displacing time 17 minutes, maximum displacing pressure 500%. Bumped plugs and closed sleeve at 2000%. Cementing operations were by Halliburton.

The 8-5/8" was landed in the cellar ll' below the kelly-bushing.

Top of the cement, upper job, was located at 2009 and cleaned out through cementing sleeve. The 8-5/8" tested under 1000# pressure without loss of fluid. Top of the cement, lower job, was located at 3024%.

#### TESTING WATER SHUT-OFF AT 30301.

A Johnston perforator and tester was run on dry him drill pipe, in tester bean. him holes were perforated at 3030%. The packer was set at 2991% and the tester opened for 30 minutes. There was a fair to good steady blow for 16 minutes, then a light to medium blow by heads for the remainder of the test. 2160% (30.8 bbls.) of fluid was recovered in the drill pipe which was from top to bottom as follows:

Date

1948

1-16

1-15

STATE OF CALIFORNIA

# DIVISION OF OIL & GAT Page #5.

# DIVISION OF OIL AND GAIS 29 1948

History of Oil or Gas Well

| OPERATOR CENERAL PE | TROLEUM CORPORATION | Field |      | E. CAT                                | CANYO | N DISTR        | lor<br>  |
|---------------------|---------------------|-------|------|---------------------------------------|-------|----------------|--|
| Well No. FULLERTON  | 7, Sec              | 31    | ., T | 9-N                                   | , R   | 32 <b>-</b> ¥7 | <b>S</b> <sub>o</sub> <b>B</b> <sub>o</sub><br>B. & M. |
|                     |                     | Sign  | red  | · · · · · · · · · · · · · · · · · · · | A     | He lean        |  |
| Date MARCH 9. 1948  |                     |       | Tit  | le                                    |       | (Presiden      | gent   |

It is of the greatest importance to have a complete history of the well. Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production. Include in your report such information as size of hole drilled to cementing or landing depth of casings, number of sacks of cement used in the plugging, number of sacks or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was dynamited, give date, size, position and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing.

1948 1-16

Date

250° watery mud.

1910° muddy to clear salt water. Salinity 370 g.c.g. = 616 g.p.g.

2160° Total...

The maximum bottom hole flow pressure was 950%.

The test was witnessed by the Division of Oil and O s and the shut-off was not approved.

1-16

1-18

RECEMENTING 8-5/8" CASING

A Baker Model "K" retainer was set at 3015%. 45 sax of Permanente Type "C" cement was squeezed through the holes at 3030%, by Halliburton. Final pressure 1700%.

RETESTING WATER SHUT-OFF AT 3064%

Gement was cleaned out to 3065. A Johnston perforator and tester was run on dry him drill pipe, in tester bean. h - in holes were perforated at 3064. The packer was set at 3011, and the tester opened for 30 minutes. There was a light steady blow for h minutes, a light to medium heading blow for 20 minutes, then dead for remainder of test. 780 (11 bbls.) of drilling mud was recovered in the drill pipe, some cement out. The pressure chart showed a maximum bottom hole flow pressure of 650%, then dropped off to 400%.

The test was witnessed by the Division of Oil and Gas and a deferred decision was granted on the shut-off as tested through holes at 3064%.

The hole was cleaned out to bottom and mud circulated from the hole with fresh water.

130 bbls. of salt water was spotted through the perforations.

The perforations were washed with a McGaffey - Taylor washer.

SWABBING INTERVAL 3077° - 3782°.

1-20 to 1-23  $3\frac{1}{2}$ %  $0.D_{\circ}$  upset tubing was hung at 3626%. The well was swabbed for 85 hours. The fluid was 500 + b/d rate of hot, black water with a trace of heavy oil, salinity 227 g.c. g. = 376 g.p.g. The fluid level while swabbing was 3300%.

STATE OF CALIFORNIA

I 10<sup>11</sup> Of OIL & G.; Page #6

# DIVISION OF OIL AND GAS EIVED APR 29 1948

# History of Oil or Gas WellNTA MARIA, CALIFORNIA

| OPERATOR   |  | FIE   | LD  | B. UAL                        | GANI              | ON DIST                        | RICT                          |  |
|--|--|---|---|-------------------------------|-------------------|--------------------------------|-------------------------------|--|
| 'FULLERTON' #1 Well No   | , Sec  | 31  | , T   | 9 <b>-</b> N                  | , R               | 32 <b>-</b> ₹                  | S.B.                          | B. & M.  |
|  |  | Si  | gned  |                               | A.                | No Lean                        | پ                             |  |
| Date MARCH 9, 1948   |  |   | Tit   | :le                           |                   | DBF                            | Ag                            | ent  |
| perations at the well, together with the dates thereof, in drilled to cementing or landing depth of casings, number of saper of casing, depth at which cement plugs started, and depth and number of shots. If plugs or bridges were put in to test  PLUGGING TO 3685%  The well was plugged from 3784%  The cement was dumped with a Cavifollowed by a ½# - 80% gelo Alexa dumpo A 3" x 20% 80% - 80% gelo cavity was bailed clean before the short of the composition of the composition of the composition of the cavifold was bailed clean before the short of the cavifold was bailed clean before the short of the cavifold was bailed clean before the cavifold was bailed clean before the cavifold was built at the cavifold was built at the cavifold was bailed clean before the short of the cavifold was bailed clean before the cavifold was built at the cavifold was built at the cavifold was built at the cavifold was bailed clean before the cavifold was built at the cavifold was been cavifold was built at the cavifol | cks of cem<br>at which<br>for water,<br>to 368!<br>ins dur<br>kander<br>Alexan | ent used in hard cemes state kind  with the bai flash oder cont place | the plug<br>nt encour<br>of mater<br>n 60<br>ler is<br>shot | sax of  n 4 to  fired  shot w | Yosem 12 sa appro | ite Por<br>ck stag<br>eximatel | tland c es, eac y 10 a 0 - 37 | ementonilidasize, positionaliling.  ementonaliling.  ementonaliling. |
| SWABBING AND BAILING INTERVAL 307  | 771 - 3  | 3685° <sub>6</sub>  |   |                               |                   |                                |                               |  |
| The well was swabbed for 36 hours  | s, the   | fluid   | bein  | g water                       | with              | a trac<br>previou              | e of he                       | avy oil.   |
| The fluid level while swabbing was had been successfully plugged off   |  | , e 1   | ne wa   | OCT BHO                       |                   |                                |                               | hraferie   |
|  | t <sub>o</sub><br>ed on l  | ottom   |   |                               |                   | ulled.                         | The pe                        |  |
| had been successfully plugged off<br>75 bbls. of salt water was spotte   | to  ed on l  ylor wa  60 to  | ottom<br>asher <sub>o</sub>   | and   | the tub                       | ing p             |                                |                               | rforatio   |
| had been successfully plugged of: 75 bbls, of salt water was spotte were washed with a McGaffey - Tay The well was bailed for 70 hours,  | od on lylor was it was it  | oottom<br>ashero<br>o 70 b,<br>iling u                                | and<br>d ra   | the tub                       | ing p             | ater, a                        | pproxim                       | rforation  |

2-3 to 2-5

Date

1-28 to

The tubing packer was set at 3037. Approximately 350 bbls. Kerosene Distillate was pumped into the formation in 40 to 50 bbls. stages under 1000# pressure. There was no pressure break down. After forcing each Kerosene Distillate stage into the formation, an approximate equal amount of fluid was swabbed.

The tubing was pulled and the packer removed.

### PUMPING TEST OF INTERVAL 3077' - 3685'.

2-7 32 0.D. upset tubing was hung at 3669 and rods and pump were run. The hole contained an unknown amount of Kerosene Distillate.

Date

1948

2

2.49 2-10

2-11

2-12

2-13

2-14

2-20

2.01

ರೆಂ 2-12

#### SUBMIT IN DUPLICATE

STATE OF CALIFORNIA

L. SION OF OIL & GAL

# DIVISION OF OIL AND GREGE TE Page #7 APR 29 1948

History of Oil or Gas Wellanta Maria. California

| Operator   | GENERAL PETROLE   | UM CORPORATION  | Field   | E. CA                                  |   | DISTRICT   | _      |
|--|---|---|---|--|---|--|--------|
|  |   |   |   |  |   |  | 4-     |
| Well No  | FULLERTON #1  | , Sec   | 31, T   | 9 <b>-n</b>                            | , R <b>32</b>   | W, S.B. B. & M   | •      |
|  |   |   | •   |  | A de  |  |        |
|  |   |   | Signed  |  | 14.146  | lean<br>OBF  | -      |
| Date:  | MARCH 9, 1948   |   | Tit   | le                                     |   | Agent (President, Secretary or Agent)  | -      |
| operations at<br>drilled to ceme<br>out of casing, | is of the greatest importance to ha<br>the well, together with the dates<br>enting or landing depth of casings, no<br>depth at which cement plugs started<br>shots. If plugs or bridges were pu | s thereof, prior to the<br>umber of sacks of cement<br>, and depth at which has | first production.  used in the plug;  rd cement encount | . Include<br>ging, numb<br>tered. If 1 | in your report<br>er of sacks or r<br>the well was dy | such information as size of hol-<br>number of feet of cement drilled<br>namited, give date, size, position | e<br>1 |

The well was placed on the pump February 8th and produced as follows:

|   | Gross Bblse    | Clean Bbls. | Gravity    | Cut   | Remarks  |
|---|----------------|-------------|------------|-------|--|
|   | 189/15 hrs.    | 127         | 14.00(est) | 35.0% | Incl. unknown amt. Kerosens  |
|   | 93 b/d         | 58          | *          | 37.5  | Distillate n n n n   |
|   | 93 b/d<br>96 " | 3           | 1          | 95.0  | Injected 28 bbls. Kerosens   |
|   | 69 #           | 12          | 1          | 68,0  | Distillate down casing. Injected 32 bbls. Kerosens Distillate down casing. |
| l |                |             |            |       | DIBATTIBLE CONT. COSTINES  |

Pulled rods and tubing.

### SHOOTING 3560\* - 3640\*

The well was shot from 3560° to 3640° with three 3" x 20° 80# - 80% gel. Alexander cavity shots.

32" O.D. tubing was hung at 3626' and the well circulated with Kerosens Distillate.

### PUMPING INTERVAL 3077! - 3685!.

32" O.D. tubing was hung at 3557' and rods and pump were run. The well was placed on the pump February 14 and produced as follows:

|                      | Gross Bbls.            | Glean El. | Gravity             | Cut                     | Remarks                                      |
|----------------------|------------------------|-----------|---------------------|-------------------------|--|
| 2-15                 | Щ b/16 hrs.            | 18        | 14.00               | 60.0%                   | Incl. unknown amount Kerosens<br>Distillate. |
| 2-16<br>2-17<br>2-18 | 36 b/d<br>39 #<br>28 # | li<br>li  | †<br>10,9°<br>11,0° | 70.0%<br>90.0%<br>84.0% | Salinity 227 g.c.g.= 376 g.p.g.              |
| 2-29                 | 28 n                   | 3         | 10,90               | 88.0%                   | 6  |

#### ABANDONING

30 sax of cement was pumped through tubing at 3084%.

Top of the cement was located at 31076: 50 sax of cement was pumped through tubing at 3107%

STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES

BION OF OIL & G. Page #8. DIVISION OF OIL AND GASSELVED APR 29 1948

History of Oil or Gas Welln't Maria, California

| Operator | GENERAL PETROLEUM CORPORATION |       |         | D E. CA  | E. CAT CANYON DISTRICT |                               |
|----------|-------------------------------|-------|---------|----------|------------------------|-------------------------------|
| Well No  | Fullerton /1                  | , Sec | 31      | , T. 9-N | , <sub>R.</sub> 32-\   | , <b>S</b> 9 <b>В</b> 8. & М. |
|          |                               |       | ·<br>Si | gned     | A. Mcked               | w.                            |
| •        | MARCH 9, 1948                 |       |         | Title    | AL.                    | Agent                         |
| Date     |                               |       |         | 1 icie   | (Pr                    | esident, Secretary or Agent)  |

It is of the greatest importance to have a complete history of the well. Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production. Include in your report such information as size of hole drilled to cementing or landing depth of casings, number of sacks of cement used in the plugging, number of sacks or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was dynamited, give date, size, position and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing.

Top of the cement plug was witnessed and approved at 3002; by the Division of Oil and Gase

2-22 to 2-23

Date

The 8-5/8" casing was cut and pulled from 800% 100 sax of cement was pumped through drill pipe at 731 . Top of the cement plug was located at 656' and was witnessed and approved by Mr. F. H. Johnson, representative for Santa Barbara County. The 13-3/8" was capped at the surface with a welded steel plate.

The well was abandoned February 23, 1948.

CONDITION OF WELL AS ABANDONED.

CASING RECORD:

Cemented at 710% Hung at 3784%.

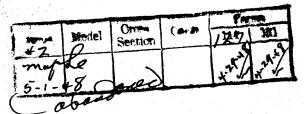
Incl. 200 mesh perforations. 30771-37821. Cemented through perforations at 3070° & 2037° a LH 3030° wet and recomented. LH 3064 WSO. Shot with cavity shots 3560°-3660° and 3690°-3710° Pulled from 800'.

TOTAL DEPTH..... 38000

PLUGS .... 3784 - 3685 ; 3084 - 3002 ;

18- 5/8" surface to 710'. HOLE SIZE SUMMARY. 710° to 3790'. 12**-1/**h" . 3790° to 3800°

on find a



COMPANY

**ELEVATION** 

GENERAL PETROLEUM CORP. LOCATION:

745 KB

415°N and 430°W from Center of Sec. 31-9N-32W., S.B. B& E

| SPUDDED      | DECEMI       | ER 19.    |   |
|--------------|--------------|-----------|---|
| TOP          | воттом       | REC'Y     |   |
| 0<br>80      | 80<br>1800   |           | Sand and shale.  Shale.  Shale.   |
| 1800         | 1803         | 35        | CORE #1 1800-1804 Rec. 3°  Silty sand, blue-grey, massive, very fine silty, tight soft friable mushy (dries out firm friable). Fossiliferous with streaks with floods forams. 1" TAR SAND at 1803, dead and poorly saturated. |
| 1803         | 1804         |           | MISSED.   |
| <b>1</b> 804 | 1813         | 90        | CORE #2 1801-1811; Rec. 90 Silty sand, as above, but no fossils, local spotty TAR saturation.   |
| 1813         | 1814         |           | EISSED.   |
| 1811,        | 1824         |           | Sando   |
| 1824         | 1835         | 101       | CORE #3 1821-1835 Rec. 100<br>Silty sand, as above, no showings.  |
| 1835         | 1842         | 7.0       | CORE #4 1835-1845 Rec. 70 Silty sand, as last above:  |
| 1842         | 1845         | ,         | EISSED.   |
| 1845         | 1851         | 60        | Siltstone, blue-grey, sandy, medium hard to soft massive, tight. Very abundant sporbo in lower 2°.  |
| 1851         | 1855         |           | MISSED.   |
| 1855         | 1857         | 20        | CORE #6 1855-1857 Rec. 20<br>Siltstone, as last above. Sporbo.  |
| 1857         | 1860         | 30        | CORE #7 1857-1866 Rec. 90 Sandy siltstone, very abundant sporbo with occasional dark  |
| 1860<br>1861 | 1861<br>1866 | 10<br>510 | brown tarry stains. Sandstone shell. TAR BAND, black fine soft rubbery far Sand trace gas, looks dead and dry.  |
| 1866         | 1876         | 100       | CORE #8 1866-1876 Rec. 109 Tar Sand, as above.  |
| 1876         | 1886         | 100       | CORE #9 1876-1886 Rec. 301 Tar Sand, as above.  |
| 1886         | 3000         |           | Shele,  |
|              |              | I         |   |

COMPANY GENERAL PETROLEUM CORP. LEASE

FULL ERTON

WELL NO. 1

ELEVATION 745' KB LOCATION: 115'N and 430'W from Center of Sec. 31-9N-32-W., S.B. B& N

|              |              |              | 8 & 1  |
|--------------|--------------|--------------|--|
| SPUDDED      | Decembe      | er 19,       |  |
| ТОР          | воттом       | REC'Y        | FORMATION WE GIF OIL   |
| <b>30</b> 00 | 3020         | 139          | CORE #10 3000-3007 No rec. 64A 4 MARIA CALI, CAL |
| 3020         | 3040         | 201          | CORE #13 3020-3040 Rec. 200<br>Siltstone, as last above.   |
| 3070         | 3120         |              | Shale  |
| 3120         | 31140        | 201          | CORE #14 3120-3140 Rec. 20° Shale, grey brown, thin, lam. Platey to massive, very limey in streaks, abundant crust remains. Dip 15°. Slite oil showing throughout with several thin streaks well fractured and coated with oil. Bottom 4° fractured and heavily coated with fair gravity oil - strong flash.   |
| 33710        | 3240         |              | Shale,   |
| 3240         | <b>325</b> 5 | <b>1</b> 5 º | CORE #15 3240-3260 Rec. 15° Shale, grey, brown, hard, siliceous, platey, thin laminae with 2° opaline to porcelainous chert in middle, dip 15°. Slight oil showing.  |
| 3255<br>3260 | 3260<br>3350 |              | MISSED.<br>Shale.  |
| <b>33</b> 50 | 3360         | 10:          | CORE #16 3350-3365 Rec. 100 Chert and cherty shale. Brown, dark grey and buff. Siliceous shale with streaks opaline chert and limestone. Dense hard moderatly fractured. Slight showings oil. Dip 180.   |
| 3360         | 3365         |              | MISSED.  |
| 3365         | 3465         |              | Shale.   |
| 3465         | 3471         | .60          | CORE #17 3465-3476 Rec. 6° Siliceous shale and chert, as last above. Fairly fractured with heavy oil on fractures, dip 30-32°.   |
| 3471         | 3478         |              | NISSED.  |
| 3478         | 3580         |              | Shale.   |
| <b>3</b> 580 | 3584         | <u>l</u> i*  | CORE #18 3580-3599 Rec. 4. Chert and siliceous lime, very hard, fractured, buff, brown and grey. Heavily coated on fractures with fair gravity cil. Abundan free cil in mud. Dips 40-80°.  |

LEUM CORP.

**ELEVATION** 

FORM 1672

745' KB

3800

LEASE

WELL NO. 115 'W and 130'W from Gem. Sec. 31-9N-32W., S.B.B & M

LOCATION:

| <b>Dece</b> mb | er 19,                                       | COMPLETED U/Vin-   |
|----------------|--|--|
| воттом         | REC'Y  | FORMATION FIEGUR OIL   |
| 3599           |  | MISSED.  FORMATION  PIE DE TOTAL  APR 29 1948  Shale.  |
| 3684           |  | Shales  CORE #19 3684-3694  Rec. 79  |
| 3691           | 70   | GORE #19 3684-3694 Rec. 7°  Brown shale and limestone, very hard, brittle, dense with occasional thin phosphatic streaks. Limestone streaks.  Fractured with heavy oil on fractures. Dip 45-60°.   |
| 3694           |  | MISSED.  |
| 3737           |  | Shale <sub>o</sub>   |
| 3740           | 30   | Brown shale and siliceous lime, hard brittle siliceous, dark brown and buff massive, unfractured with thin beds, buff phosphatic shale. Scattered forams - no oil showing. Dip 42  |
| 3745           |  | MISSED.  |
| 3790           |  | Shale  |
| 3800           | 100  | CORE #21 3790-3800 Rec. 10° Shale, alternately dark brown to black and buff, hard brittl siliceous and limey. Buff beds are phosphatic and are about 1/8" thick, occurring about 1" apart. Streaks grey limeston shells. Fairly fractured with dead oil on fractures. Dark brown sone lithology 11° dip. |
|                | 3599<br>3684<br>3691<br>3694<br>3737<br>3740 | 3599 3684 3694 3737 3740 3745 3790   |

# COUNTY OF SANTA BARBARA

STATE OF CALIFORNIA

# Special Report on Oil Operations Witnessed ABANDONMENT

No. 973

|   | Santa Maria, Calif., February 23, 1948   |
|---|--|
| Mr. J. J. Schillinger  108 West 2nd Street Los Angeles 12, California                       | DIVISION OF OIL & CAR  |
| Agent for General Petroleum Corpor  | MAR 2 - 1948   |
| Dear Sir:   | SANTA MARIA, CALIFORNIA  |
| Cat Common  | Sec. 31 , T. 9 N , R. 32 w , S.B. B. & M.  Field, in Santa Barbara County, were witnessed by |
| F. H. Johnson   | , representative of the County,  |
| on February 23 , 19 48. There was also pres   | sent G. W. Birt for Santa Maria  |
| Set and cemented 710' Fotal depth 3802'. Set 3784' 8-5/8 706' perforated. Flugged depth 368 | - 13-3/8" 54-1/2 lb. surface casing. " O.D. 32 lb. and 36 lb. including 5'.                  |

The operations were performed for the purpose of abandonment.

and the data and conclusions are as follows: Kr. Birt reported as follows:

2-21-48 - Hung drill pipe at 3107'. Fumped in 30 sacks of cement by Halliburton Oil Well Cementing Company. Could not locate plug. Fumped in 50 sacks additional. In presence of Division of Oil & Gas representative located cement at 3002', leaving a 105' plug. Recovered 800' of 8-5/8" casing.
2-22-48 - Hung drill pipe at 731' - pumped in 100 sacks of cement.
2-23-48 - 8:30 A.M. - in presence of County Inspector, located cement

Oral approval of abandonment procedure is herewith confirmed.

at 656', leaving a plug 21' below shoe and 56' above shoe.

13

SANTA BARBARA COUNTY OIL WELL INSPECTOR

F. H. JOHNSON, Inspector

By Durson

#### STATE OF CALIFORNIA

DEPARTMENT OF NATURAL RESOURCES

#### DIVISION OF OIL AND GAS

# Special Report on Operations Witnessed

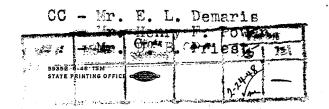
|  | •                                   |           | No. <b>T</b> _3 | 3-2506       |
|--|-------------------------------------|-----------|-----------------|--------------|
|  | Santa Maria,                        | Calif. Fe | bruary 24.      | 1948         |
| Mr. Alex McLean,   |                                     | Oam:      |                 | 1/           |
| Ventura,   | Calif.                              |           | •               |              |
| Agent for General Petro  |                                     | <u>.</u>  |                 |              |
| DEAR SIR:  |                                     |           |                 | . •          |
| Operations at your well No. "Fullerton"  Cat Canyon Field, in.                 |                                     |           | County, were v  | witnessed by |
| on February 21, 1948. There was als<br>F. P. Daubenspeck, driller.             | o present G. W. Biri                | , forem   | en, and         |              |
| Casing Record 13 3/8" cem. 710"  |                                     |           |                 |              |
| 3784 with 706 of perf. on bo   | ttom and c.p. at                    | i         |                 |              |
| 2037', 3030', and 3070'. Total   | al depth: 3800';                    | -         |                 |              |
| plugged with cem. 3002'-3107'.   |                                     |           |                 |              |
|  |                                     |           |                 |              |
|  |                                     |           |                 |              |
| The operations were performed for the purpose cement plug required to be plant | of testing the lo                   | cation    | and hardne      | es of a      |
| cement plug required to be plant abandonment arrived at the well at 3:00 g     | m and Mr. Birt                      |           |                 | reported:    |
|  |                                     |           | •               |              |
| <ol> <li>On February 20, 19<br/>through tubi<br/>went away.</li> </ol>         | 48, 30 sacks of<br>ng hanging at 30 |           |                 |              |
| 2. On February 21, 19  | 48. 50 sacks of                     | cement.   | treated.        | Wo C         |
|  | ch tuhing hangin                    |           |                 |              |

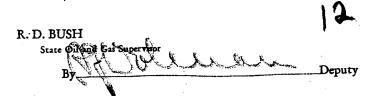
THE DEPUTY SUPERVISOR NOTED THE FOLLOWING:

hole to 3002.

1. The cement plug at the reported depth of 3002' supported 3 points of weight on the indicator.

THE LOCATION AND HARDNESS OF THE CEMENT FLUG AT 3002 ARE A PROVED.





### DIVISION OF OIL AND GAS

# Report on Proposed Operations

|                             |              |                  |   |                      |                        |                       | No                            | <b>P</b> 3-4                          | .527        |
|-----------------------------|--------------|------------------|---|----------------------|------------------------|-----------------------|-------------------------------|---------------------------------------|-------------|
| •                           |              |                  |   | Santa Mar            | ia,                    | Calif                 | February 2                    | 27,                                   | 1948        |
| Mr. Al                      | ex Ecle      | an,              |   |                      |                        |                       |                               |                                       |             |
| A7 # A1                     |              |                  | 9   | Calif.               |                        |                       |                               |                                       |             |
| <del></del>                 | Agent        |                  |   | m Corporati          | on                     |                       |                               |                                       |             |
| DEAR SIR:                   | 1180110      | 1 V4             |   | <del></del>          |                        |                       |                               |                                       |             |
| Y                           | our          |                  | propos  | l to abando          | on                     | Wel                   | l No. "Fuller                 | ton" 1                                |             |
|                             |              |                  |   |                      |                        |                       | Santa Barba                   |                                       |             |
| dated Feb.                  | 24, 1        | 948 , received   | Feb. 26,  | 1948 , has been      | n examined             | in conjunc            | ction with record             | s filed in t                          | his office. |
| P                           | resent con   | ditions as show: | n by the recor  | ds and the propo     | osal are as i          | ollows:               |                               |                                       |             |
|                             |              |                  |   | is as state          |                        |                       | e.                            |                                       |             |
| THE NOTIC                   | YR STAT      | ₹.               |   |                      |                        |                       |                               |                                       |             |
| "The I                      | resent       | condition        | of the well   | ll is as fol         | Llows:                 |                       |                               |                                       |             |
|                             |              | plete casi       |   |                      |                        |                       |                               |                                       |             |
|                             | 13-<br>8-    | 3/8" Cement      | 3784 incl   | uding 706            | perf. C.               | P.'d 20               | 0371 & 30701                  | •                                     |             |
|                             |              |                  | Shot 3560-  | 80, 3580-36          | 00,3600                | ) <del>-</del> 20, 30 | 62 <b>0-</b> 40 & <b>3</b> 69 | 0-3710                                | •           |
|                             | <b>ጥ</b> ር   |                  |   | PLUGGED              |                        |                       | . 3065' W.S.                  | U•                                    | . •         |
|                             |              |                  |   |                      |                        |                       | a a a                         |                                       |             |
|                             | 2. Las       | t produced       | . Feb. 19,  | 1948 <u>3</u><br>Net | $\frac{b/d}{cil}$ . In | evity                 | 88%<br>Cut."                  |                                       |             |
|                             | . *          |                  | Date  | 24 <b>0</b> .0       | Cateria WA             |                       |                               |                                       |             |
| PROPOSAL                    |              | d work is a      | a fallows   | •                    |                        |                       |                               |                                       |             |
|                             | l. Bri       | dge plug w       | /cement 31  | 00! to 3000          | 1.                     |                       |                               |                                       |             |
|                             | 2. Cut       | and pull         | 8-5/8" fro  | m as low as          | possibl                | Le and                | plug w/cemer                  | it into                               |             |
|                             | 3. Cap       |                  | of 13-3/8"<br>t surface   | •<br>and abandon     | . • 11                 |                       | •                             |                                       |             |
|                             | •            |                  |   |                      |                        |                       |                               |                                       |             |
| DECISION<br>The p           | :<br>roposed | work, whi        | ch has bee  | n completed          | by veri                | al app                | roval, is he                  | reby a                                | pproved     |
| 4                           |              | •                |   | -                    |                        |                       |                               |                                       |             |
|                             |              |                  |   |                      |                        |                       |                               |                                       |             |
|                             | ÷ .          |                  |   |                      |                        | -                     |                               |                                       |             |
|                             |              | •                |   |                      |                        |                       |                               |                                       |             |
|                             |              |                  |   |                      |                        |                       |                               |                                       |             |
|                             |              |                  |   |                      |                        |                       |                               |                                       |             |
| Blanket                     | bond.        |                  |   |                      |                        |                       |                               |                                       |             |
| 00 - Er.                    | 7            | Dema <b>r</b> is |   |                      |                        |                       |                               |                                       | 11          |
|                             |              | F. Power         |   | R. D. BU             |                        | G                     | R                             |                                       | * *         |
| 2.2                         | D. D.        | Johnson, L       | A ALPERT STATE OF THE STATE OF | Sta                  | te Oil and G           | as Superviso          | r J & S                       | J. J.                                 | <i>J</i> .  |
| मार्ड कर्ना ।<br>स्टब्स्स । | Section'     | O O I A I O      | 251   |                      | By                     |                       | K. S. S.                      | · · · · · · · · · · · · · · · · · · · | Deputy      |
| 1                           | 1            | 1 67             | 1 204   | :                    | *                      | 1.                    |                               |                                       |             |

# DIVISION OF OIL AND GAS

# Notice of Intention to Abandon Well

This notice must be given at least 6--- 1....

|  |                                     | 2S 110 t                      | ice must be 8      | iven at lear | st nvc days f | efore work is to begin   |                                 |
|--|-------------------------------------|-------------------------------|--------------------|--------------|---------------|--|---------------------------------|
| DIVISION   | OF OIL AND                          | GAS                           |                    | Ventu        | re            | Calif. Februar DIVISION OF OIL & G. REGEIVED                   | ry 24, 19 48<br>AS              |
|  |                                     |                               |                    |              |               | FEB 2C 1948  |                                 |
|  |                                     | Santa                         | Maria,             |              | Calif.        |  |                                 |
|  | In con                              | mpliance w                    |                    |              | 230, 3231 a   | ANTA MARIA, CALLED) R. nd 3232, Ch. 93, Stat. 1935             | MA<br>9, notice is hereby given |
| that it is ou  | r intention to al                   | oandon wel                    | l No. Fu           | llerton      | <u></u>       |  |                                 |
| Sec. 31  | , T. <u>9N</u>                      | , R                           | 32W , 1            | S. B.        | B. & M        | Cat Canyon Distr   | rict Field,                     |
|  | Santa Bar                           | bara                          |                    |              | County, con   | nmencing work on the   | day                             |
|  |                                     |                               |                    |              |               |  | ·                               |
|  | condition of the                    |                               |                    |              | t 7t          |  |                                 |
|  | Complete casin                      |                               |                    |              |               |  |                                 |
|  | 13-3/8* (<br>8-5/8* h               |                               | 34' inclusion Shot | 3560-80      | , 3580-36     | C.P.'d 2037' & 307<br>500, 3600-20, 3620-<br>cemented. 4 H. 30 | 40 & 3690-3710.                 |
|  | TOTAL DE                            | EPTH:                         | 38021.             |              | PLI           | JGGED DEPTH: 3685  | <b>,</b>                        |
| 2.   | Last produced.                      | Feb.                          | 9, 1948            |              |               | 10.90  | 88%                             |
| The proposed   | d work is as follo                  | -                             | Date               |              | Net oil       | Gravity  | Cut                             |
| 1.<br>2.<br>3.   | Bridge pl<br>Cut and p<br>shoe of l | ug w/ce<br>pull 8-5<br>3-3/8* | 5/8" from          | as low       | as poss:      | ible and plug w/cer  | ment into                       |
|  |                                     |                               |                    |              |               |  |                                 |
| F. L. Wad<br>H. F. Pow<br>File   |                                     |                               |                    |              |               |  |                                 |
| The state of the s | Crime<br>Section                    | 7115                          | 151                | OTTO S       | TOTAL TATE    |  | 10                              |

GENERAL PETROLEUM CORPORATION

(Name of Operator)

By A. M. Leaw B. ACENT

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

73218 5-47 12,500 SPO C

# DIVISION OF OIL AND GAS

# Report on Test of Water Shut-off (FORMATION TESTER)

No. T 3-2874

|  | (2 0 21222   |   |  |   |   |
|--|--|---|--|---|---|
| Alex McLean  | Sa   | nta Maria,  | Calif  | January 20,   | 1948  |
| Mr. Ventura,   |  |   |  |   |   |
| Agent for General  | Calif.   |   |  |   |   |
| Agent for Dear Sir:  |  | <del></del>   |  |   |   |
| Your well No. "Fullerton" 1  | . Sec  | . 31 т.   | 9 N  | 32 W. S. B  | · R&W   |
| Cat Canyon Fie   | ld in Sa   | nta Barbara   | , r  | inty, was tested for  | water shut-off  |
| on January 16 , 19 48  | Mr. R  | . M. Barger   |  | , designated by   | the supervisor.   |
| was present as prescribed in Sec. 3222 and and F. P. Daubenspeck, Drill  | 3223, Ch. 93, St   | tat. 1939; there wer  | re also presen   | L. T. Regan,  | Engineer,   |
| 0.5/0.00   | through pe   | erforations   |  |   | 1.0   |
| Shut-off data: 8 5/8 in 32-36  | lb. casing was/c   | emented at 3030   | ft. on   | January 16  | , 19 <u>48</u>  |
| in 12 1/4" hole with 45 Casing record of well: 13 3/8" cem   | sacks  | s of cement of whi  | ch 4   | sacks was   | left in casing.   |
| c.p. 2037', 3030', and 3070'   | • /±U·; O  | 276" Hung 376   | T. MTOII   | 00. Of peri. c  | m boccom,   |
| 3,000 3 212 30,0   |  |   | ·  |   |   |
| Reported total depth 3800 ft. Bridged value of 1000 lb. was applied to the A Johnston tester was rule and packer set at 3011 ft. with tailpiered remained open for hr. and for 4 minutes and a medium to   | ne inside of casing into the hole control of the hole control of the hole of the same of the hole of t | ng for 15 min on 4 1/2 in, d ft. Tester valve, During this inter  | without loss with pipe, with 1/2"  val there   | s after cleaning out to<br>hft. of v<br>bean, was opened<br>was a light st                                | water cushion,<br>at 7:40 a.m.  |
|  |  |   |  |   | :   |
| the casing.  2037' with 40  2. Four 1/2" holes at 30  3. On January 16, 1948, 45 sacks of compressure of 14. With the tester set and commented hole blow for 30 sets.  5. The 8 5/8" casing was angles for a few for 30.  6. The space between the mud fluid and | the 8 5/8" 200 sacks The casing 0 sacks of 30' tested a Baker Mod ement was s 900 lb., as t 3011', th s at 3030'. econds. gun perfor test of shu remained i  | was then cement of was then cement plus 3 wet. lel K cement is queezed below a noted above, he valve was or During this rated at 3064 thooff. ll pipe and the noted to the condition of the condition of the cement | f which lented thr 3% aquage retainer withe retent open for sintervalue with fothe 8 5/8 tion duri | 3 sacks was le ough perforati 1.  was set at 301 ainer at a fin 10 minutes to 1 there was a ur 1/2" holes | ft in ons at  5' and al  test the light puff at right illed with emonstrating |
| ENGINEER BARGER NOTED THE FOR<br>l. When the drill pipe wadrill pipe, ex<br>2. The fluid consisted of<br>Several gas pool  | as pulled o<br>quivalent t<br>f gassy, ce  | o 11.1 bbl. ment-cut mud  | with no  |   | ee water.   |
|  |  |   |  | (Continued)   |   |
|  |  |   |  | -   | $\boldsymbol{\alpha}$   |
|  |  | R. D. BUSH, S   | tate Oil and G   | s Supervisor  | _ 1   |

By\_\_\_\_\_\_, Deputy

### DIVISION OF OIL AND GAS

Report on Test of Water Shut-off

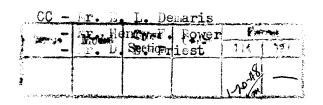
| No. <b>T</b> | 3-2874 |
|--------------|--------|
| Page         | 2      |

Special Report on Operations Witnessed

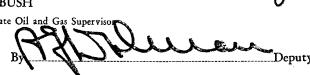
| General | Petroleum Corporation |       |    |     |   |     |   |    |      |           |    |     |       |
|---------|-----------------------|-------|----|-----|---|-----|---|----|------|-----------|----|-----|-------|
| Well No | "Fullerton" 1         | , Sec | 31 | , T | 9 | N•, | R | 32 | W• , | <u>s.</u> | В. | _В. | & M., |

3. The pressure charts showed a complete drawdown during the first 10 minutes of the test, the pressure rose to 650 lb. for 10 minutes and then dropped back to 350 lb. for the last 10 minutes of the test.

The test indicates that the 8 5/8" shut-off is probably effective, but is not conclusive because of the high fluid rise and the fact that the pressure charts did not show a complete drawdown. A decision is, therefore, deferred pending the receipt of production data after completion of the well.



R. D. BUSH



Spudded: 12-19-47 Cemented: 12-20-47

# COUNTY OF SANTA BARBARA

STATE OF CALIFORNIA

Special Report on Oil Operations Witnessed Cenentino water string prom

20631 76 8701

No.\_\_\_\_<u>Q73</u>

|  | Santa Maria, Calif., January 16 , 1948   |
|--|--|
| Mr. J. J. Schillinger  108 West 2nd St.  Los Angeles 12., California  Agent for General Fetroleum Corpo  | JAN 2 1 1949   |
| Dear Sir:  | SANTA MARIA, CALIFORITA  |
| East Cat Canyon  | Sec. 31 , T. 9 K , R. 32 K , S. B. B. & M.  I Field, in Santa Barbara County, were witnessed by  , representative of the County, |
|  | sent G. W. Birt for Santa Maria Drilli   |
| Company and Don Priest and D. F. J. Petroleum Corporation.  Casing Record 12-20-47 - set and censurface casing. 1-14-48 - set 3076 new screw joint casing. Baker cemeperforated pipe below shoe. | mented 710' of 13-3/8" 0.D. 54.5 1b.   |

The operations were performed for the purpose of setting and cementing water string.

and the data and conclusions are as follows: Mr. Friest reported a Baker cementing sleeve set at 2043' level.

4:12 P.M. dropped in steel pin to open cementing ports in sleeve.

Mud fluid circulated.

4:26 P.M. to 4:43 P.M. 400 sacks of construction cement were pumped into casing by Halliburton Oil Well Cementing Company. Theoretically this amount should bring cement 1164' above cementing sleeve. 1 metal top plug used.

4:47 P.M. to 5:03 P.M. cement was displaced with 696 cu.ft. of mud fluid. Final pressure 2100 lbs. Metal plug did not hold. Necessary

to hold a pressure until cement set.

Oral approval of cementing procedure is herewith confirmed.

SANTA BARBARA COUNTY OIL WELL INSPECTOR

F. H. JOHNSON, Inspector

Spudded: 12-19-47 Cemented: 12-20-47

### COUNTY OF SANTA BARBARA

STATE OF CALIFORNIA

# Special Report on Oil Operations Witnessed CEMENTING WATER STRING

|  | No | 973 |
|--|----|-----|
|--|----|-----|

|  | Santa Maria, Calif., January 16 , 1948   |
|--|--|
| Mr. J. J. Schillinger                      | DIVISION OF OIL & CAR  |
| 108 West 2nd St.                           | REGEIVED   |
| Los Angeles 12, , California               | JAN 2 110 to   |
| Agent for General Petroleum Corpo          | ration MANTA MARIA, CALIFORNIA   |
| ·  | TAMA, CALLED RITE  |
| Dear Sir:                                  |  |
| Operations at your well Fullerton No. 1    | Sec. 31 , T. 9 N , R. 32 W , S. B. & M.  |
| East Cat Canyon Oi                         | l Field, in Santa Barbara County, were witnessed by  |
| F. H. Jehnson                              | , representative of the County,  |
| on January 14 , 19 48. There was also pres | sent C. W. Birt for Santa Maria Drilling   |
| Company and Don Priest and D. F. J         | . McIntosh, Engineers for General  |
| Petroleum Corporation.                     |  |
| surface casing. 1-14-48 - set 307          | mented 710' of 13-3/8" 0.D. 54.5 1b.   |
| new screw joint casing. Baker cem          |  |
| perforated pipe below shoe.                | The state of the s |
|  |  |

The operations were performed for the purpose of setting and cementing water string.

and the data and conclusions are as follows:

Mr. Priest reported a 12-1/4" rotary hole drilled from 710' to 3790' and a 8-1/2" core hole from 3790' to a total depth of 3802'.

- 1. 9:30 A.M. to 3:15 P.M. ran casing.
- 2. Mud fluid circulated.
- 3. 3:35 F.M. to 3:43 F.M. 200 sacks of construction cement were pumped into casing by Halliburton Gil well Cementing Company. Theoretically thus amount should bring cement 582' above shee. I top plug used.
- 4. 3:48 F.M. to 4:10 F.K. cement was displaced with 1033 cu. ft. of mud fluid. Final pressure 500 lbs.

Oral approval of cementing procedure is herewith confirmed.

6

SANTA BARBARA COUNTY OIL WELL INSPECTOR

F. H. JOHNSON, Inspector

72/20

# DIVISION OF OIL AND GAS

# Report on Proposed Operations

|                                       |                             |                                    |   |   |                            |                   |                  |                 | N      | o. P 3- | 44 70  |
|---------------------------------------|-----------------------------|------------------------------------|---|---|----------------------------|-------------------|------------------|-----------------|--------|---------|--------|
|                                       |                             |                                    |   |   | Santa                      | Meria,            | Cal              | if. Je          | nuary  | 14,     | 19_48  |
| Mr                                    | Alex                        | McLea                              |   |   |                            |                   |                  |                 |        |         |        |
|                                       | :                           |                                    | Ventu   | ra,   | Calif.                     |                   |                  |                 |        |         |        |
|                                       | Ag                          | ent for                            | General   | Petro                                       | Leum Co                    | rporati           | Lon              |                 |        |         |        |
| Dear                                  | Sm:                         | supple                             | mentary   | proposa                                     | l to <u>đr</u>             | 111               |                  | Well No.        | "Full  | erton"  | 1      |
| Section                               | 31 , T                      | 9N.,                               | 32W., S   | .B.B. & N                                   | A., Cat                    | Canyon            | Fiel             | d, <u>Sar</u>   | ita Ba | rbara   | County |
|                                       | and the second second       |                                    | received_J  |   |                            |                   | • •              |                 |        | •       |        |
|                                       | Present                     | conditions                         | as shown b  | y the record                                | ds and the p               | proposal are      | as follows:      | :               |        | ,       |        |
| REC                                   | ORDS:                       | The c                              | onditio   | n of th                                     | ne well                    | is as             | stated           | in t            | he no  | tice.   |        |
| · · · · · · · · · · · · · · · · · · · | 1:<br>1:<br><u>Tr</u><br>Tr | 3-3/8" 2-1/4" DTAL D OP Mio OP Sis | ditions Casing Hole 7 EPTH: cene 30 quoc 11 on betw Foxen 5 | cement<br>10' to<br>3800'<br>50'<br>een 13- | ted at<br>3800'<br>-3/8" s | 710'.             | 710' a           | and to          | op of  | Sisquo  | G      |
|                                       | POSAL:                      | -                                  |   |   |                            |                   |                  |                 |        |         |        |
|                                       | We not                      | Rua                                | 3-5/8"<br>and C<br>2050'                                    | .P. at                                      | approx sax.                | . 3100'           | M\S0(            | ) sax           | and a  | pprox.  |        |
|                                       | 2.<br>3.                    | Shoo<br>Clea                       | t 4- = t  | holes                                       | at 307                     | 0' and<br>make pr | test v<br>oducti | water<br>lon te | shuto: | ff.     |        |
|                                       | ISION:<br>THE PRO           | THIS                               | IS APPOINTS Lest of   | on sh <b>ai</b>                             | L BE N                     | OTIFIED           | ) TO MI          | ltnese          | *      |         |        |

Blanket bond.

|        | UG | - | Mr.         | He<br>He | nry | Pemer<br>F. Po | ris<br>ower |                              |
|--------|----|---|-------------|----------|-----|----------------|-------------|------------------------------|
| Men Gr | Μo | - | Cro<br>Sect | io#      | CH: | Prie           | toni        | The second second            |
|        |    |   |             |          |     | 1-13-48        | 13748       | A CONTRACTOR OF THE PARTY OF |

R. D. BUSH
State Oil add Supervisor

By Deput

cc:

# STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

# Supplementary Notice

|                    |  | Ventura,   |   | 12, 19 48             |
|--------------------|--|--|---|-----------------------|
| DIVISIO            | ON OF OIL AND GAS  | ָנ <i>ע</i> ַ  | visiot of oil a gas<br>becoelved          |                       |
|                    | Santa Maria  | Calif.   | JAN 13 1948                               |                       |
|                    |  | SAB  | TA MARIA, CALLPORILLA                     |                       |
|                    | Our notice to you dated  | December 9,  | , 19 <u>47</u> , sta                      | ting our intention to |
|                    | Dri 11   | well No.   | "Fullerton" l                             |                       |
|                    | (Drill, deepen, redrill, abandon)  | S P  | Test Oct Conven Dist                      | mhat mili             |
| Sec                | 31 , T. 9N , R. 32 N   | _,B. & M   | East out canyon Dist                      | r <b>act</b> Field,   |
|                    | Santa Barbara  | County   | , must be amended on account o            | f changed or recently |
| discovere          | ed conditions.   |  |   |                       |
| CIISCOVETE         |  |  |   |                       |
|                    | The new conditions are as follows:<br>13-3/8" Casing cement  | ed at 710'.  |   |                       |
|                    | 12-1/4" Hole 710' to   |  |   |                       |
|                    | TOTAL DEPTH: 3800  |  |   |                       |
|                    |  |  |   |                       |
|                    | Top Miocene 3050'  |  |   |                       |
|                    | Top Sisquoc 1150'  | 3/8" shoe at 710   | and top of Sisquoc i                      | s all                 |
|                    | Formation between 15-  |  |   |                       |
|                    |  |  |   |                       |
|                    |  |  |   |                       |
|                    |  |  |   |                       |
|                    | W  |  |   |                       |
|                    | We now propose  1. Run 8-5/8" casing   | to 3800: incl. 70  | 00' perf. on bottom an                    | d C.P.                |
|                    | at approx. 3100' w   | /200 sax and appr  | ox. 2050' w/400 sax.                      |                       |
|                    | 2. Shoot $4-\frac{1}{2}$ holes<br>3. Clean out to botto  |  |   |                       |
|                    | 3. Clean out to botto  | m and make produc  | SUION DESUA                               |                       |
|                    |  |  |   |                       |
|                    | Barbara Co. madsworth  |  |   |                       |
| M. S.              |  |  |   |                       |
| File               |  |  |   |                       |
|                    |  |  |   |                       |
|                    |  |  |   |                       |
|                    |  |  |   | _                     |
|                    |  |  |   | Ч                     |
|                    | Cross Corre  | المنافضين عليات المنافضين المنافضين المنافضين المنافضين المنافضين المنافضين المنافضين المنافضين المنافضين المن | art manting at the second of the second   | · MO                  |
| Mo                 | Section 111  | <u>GENER</u>   | AL FETROLEUM CORFORATI (Name of Operapor) | -V1V                  |
|                    | 3.40 3.40  | B <sub>2</sub>   | A. Mckean                                 | AGENT                 |
| in the property of | September 1990 Septem | •  | A.  | br .                  |

Spudded: 12-19-47 Cemented: 12-20-47

# COUNTY OF SANTA BARBARA

STATE OF CALIFORNIA

# Special Report on Oil Operations Witnessed GENTING SURFACE CASING

| Ubrant 1 mg  | No. 973  |
|--|--|
|  | Santa Maria, Calif., January 6 , 19 48               |
| Mr. J. J. Schillinger  108 W. 2nd St.  Los Angeles 12, Californi | DIVISICE OF OIL & CALL                               |
| Agent for General Fetroleum Corpor                               | JAAL W   |
| Dear Sir:  | VALLE ORIE X   |
| Operations at your well Fullerton No. 1                          | Sec. 31 , T. 9 N , R. 32 W , S.B. B. & M.            |
| East Cat Canyon O  | il Field, in Santa Barbara County, were witnessed by |
| F. H. Johnson  | , representative of the County,                      |
| on December 20 , 19 47. There was also pre                       | esent G. W. Birt for Santa Maria Drilling            |
| Company and L. Regan, Engineer for                               | General Fetroleum Corporation.                       |
| Casing Record Set and cemented 710'                              | of 13-3/8" G.D. 54.5 lb. new screw                   |

The operations were performed for the purpose of setting and cementing surface casing.

and the data and conclusions are as follows:
Mr. Hegan reported a 18-5/8" rotary hole drilled to a depth of 543' and a 17-1/2" hole from 543' to 710'.

- 1. 1:00 F.M. to 2:30 P.M. ran casing.
- 2. Mud fluid circulated.
- 3. 2:45 F.M. to 3:15 P.M. 575 sacks of construction cement (3% Wyoming Bentonite premixed) were pumped into casing by Halliburton Oil Well Cementing Company. Theoretical requirements 514 sacks. 1 top plug used.
- 4. 3:20 P.M. to 3:35 P.M. cement was displaced with 576 cu.ft. of mud fluid. Cement return was made at displacement of 450 cu.ft. Approximately 100 sacks of cement returned to sump. 50° column of cement left in casing above shoe.

Oral approval of cementing procedure is herewith confirmed.

SANTA BARBARA COUNTY OIL WELL INSPECTOR

F. H. JOHNSON, Inspector

To Thurson

### DIVISION OF OIL AND GAS

# Report on Proposed Operations

|  |   |  |   |   |   | No. P                             | 3-4429  |
|--|---|--|---|---|---|-----------------------------------|---|
|  |   |  |   | Santa Maria,  | Calif                                   | December 10,                      | 19.47   |
| Mr   | Alex McI                                  | ean,   |   | ***************************************   |   |                                   | · ·   |
|  |   | Ventur   | <del>9</del>  | Calif.  |   |                                   |   |
|  |   |  | -   | Corporation   |   |                                   |   |
| Dear Sir   |   | OCHO! C.L.   | 1.001010000   | Ograpore  |   |                                   |   |
|  |   |  | proposal  | todrill   | Wel                                     | No. "Fullerton                    | <u>,,, , , , , , , , , , , , , , , , , , </u> |
|  |   |  |   | ., Cat Canyon   |   |                                   |   |
|  |   |  |   | 9 <u>47</u> , has been examine  | •                                       | -                                 |   |
|  | -   | • •  | •   | s and the proposal are as   |   |                                   |   |
|  |   | TES:   | •   | <u> </u>  | , lonows.                               |                                   |   |
| Th<br>E1<br>A1<br>We   | e well i<br>evation<br>l depth<br>estimat | s 330 feet of ground a measurement ground. e that the a depth of | N. and 330<br>above sea l<br>ts taken fr<br>first prod<br>f about         | of NW tof Sec. 3 ) feet W. from Ce Level 760 feet.  rom top of Kelly  luctive oil or ga           | nter Sec<br>Bushing,                    | which is 8 fee                    |   |
| Ne   | 11 15 CC                                  | be <b>dri</b> ll <b>e</b>  | I MTON LOPS   | iry coors."   |   |                                   |   |
| Size o<br>13-<br>Add<br>It   | f Csg.,I<br>3/8"<br>itional<br>is under   | them as he he weight casing contact that                         | erein indic<br>Lb. Per F<br>$54\frac{1}{2}$<br>Lingent upon<br>if changes | strings of casicated:  Coot Grade and T  J-55  on showings encousin this plan be gor landing casi | ype Depr<br>200<br>ntered.<br>come nec  | th Landed or Comented             | emented                                       |
| DECISI   |   | T ምርጓ ያ የጎቸውን አገና  | I TORNA – TATA ZATI TANAT   | n sutto.  |   |                                   |   |
| - A North Agents   | 1. Mud                                    | ing of the   | ot less that well and the surface   | n 70 lb. per cub<br>the column of mu<br>, particularly w  | d fluid :<br>hile pul                   | shall be mainta<br>Ling the drill | ined at all<br>pipe.                          |
|  | 2. Adeq                                   |  | at all tim  | ion equipment shoes.  | all be b                                | rovided and rea                   | ay ior  |
|  |   | east 700' o  | of surface<br>drilled bel   | casing shall be on the Sisquoc-Had content of each  | iocene Co                               | ontact                            |   |
|  |   | mined and, approved to   | if of com<br>by this Di <b>v</b>  | mercial value, si ision.  | hall be p                               |                                   |   |
| And the second s | 5. THIS                                   | (a) Of ar (b) Befor  | y oil or g<br>e running   | TIFIED AS FOLLOW<br>as showings encou<br>casing other than<br>st of each possib                   | untered.<br>n su <b>rf</b> a <b>c</b> e |                                   | hole.   |
| Blanke   | t bond.                                   |  |   | R. D. BUSH  |   |                                   | 1   |
| - 13<br>- 34   | r. D. B.                                  | F. Power   |   | State O and By  | Gas Supervisor                          | un                                | Deputy  |

### DIVISION OF OIL AND GAS

083-00510

cc:

# Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

|   |   | Ventura,                              | Calif. De                  | cember 9,  | 19 47        |
|---|---|---------------------------------------|----------------------------|--|--------------|
| DIVISION OF OIL AND   | GAS   | וע                                    | vision of o<br>REGET       | IL & GAS   |              |
| S   | anta Maria,   | Calif.                                | DEC 10 19                  | (定面)   |              |
|   |   | SANT                                  |                            |  |              |
| <del>-</del>  | ction 3203, Chapter 93,                                 |                                       |                            |  |              |
| commence the work of drill  | ing well No. "Fulle                                     | erton" l                              |                            | , Sec. <u>   31                                 </u> | 9N           |
| . 32W , S.B. B. 8   | k M., Cat Canyon  | District F                            | ield, Sa                   | nta Barbara  | County       |
| Legal description of base   | t N. of 8. and 330 (Give location in distance from      | feet E. or W. from                    | Center Sec.                | 31   | )            |
| all depth measurements take   | en from top of  | Kelly Bushing                         |                            |  | , which is   |
| 8fe   | eet above ground.                                       |                                       |                            |  |              |
| We estimate that the fir  | st productive oil or gas san                            | id should be encountered              | at a depth of ab           | out  | Ieet.        |
| We propose to use the f   | ollowing strings of casing,                             | either cementing or land              | ling them as her           | ein indicated:                                       |              |
| Size of Casing, Inches  | Weight, Lb. Per Foot                                    | Grade and Type                        | Depth                      | Landed or Ce   | mented       |
| 13-3/8"   | 54 <del>1</del>   | <b>J-</b> 55                          | 2001                       | Cemented   |              |
|   |   |                                       | ` _                        |  | •            |
| Additional casin  | g contingent upon                                       | showings encounted                    | ered.                      |  |              |
| Additional casin  | g contingent upon                                       | showings encounte                     | ered.                      |  |              |
| Well is to be drilled with  | rotary tools.   |                                       |                            |  |              |
| Well is to be drilled with  |   |                                       |                            | cementing or land                                    | ling casing. |
| Well is to be drilled with<br>It is understood that if                                    | rotary tools. /cable tools. changes in this plan become | ne necessary we are to not            |                            |  | ling casing. |
| Well is to be drilled with<br>It is understood that if                                    | rotary tools. /cable tools. changes in this plan become | ne necessary we are to not            | tify you before            | ORPORATION   | ling casing. |
| Well is to be drilled with  It is understood that if  Address P. O. Box                   | rotary tools. /cable tools. changes in this plan become | ne necessary we are to not  GENERAL I | tify you before            | ORPORATION<br>perator)                               | ling casing. |
| Well is to be drilled with<br>It is understood that if                                    | rotary tools. changes in this plan becom                | ne necessary we are to not  GENERAL I | TETROLEUM CO               | ORPORATION<br>perator)                               |              |
| Well is to be drilled with  It is understood that if  Address P. O. Box  Telephone number | rotary tools. changes in this plan becom                | ne necessary we are to not  GENERAL I | PETROLEUM CO<br>(Name of O | ORPORATION perator)  AG                              |              |